



**DESCRIPTION**

- \* Detachable design for operation and contact parts, easy installation.
- \* Operation Part is possessed of Illuminated Pushbutton function, Pushbutton function and Indicator function.
- \* Available Size: Rectangular 18 x 24mm  
 Square 18 x 18mm & 24 x 24mm  
 Round: diameter  $\phi$  18mm
- \* With multiple functional bezel, the above shapes can be suitable for different panel like Mosaic panel.
- \* IP65 degree for water-proof, liquid and oil prevention enables the device to be used in different field equipments.
- \* Applied UL94 V0 high grade fire prevention plastic material.
- \* High bezel designed to prevent the accidental touch when installing the device.
- \* Can be engraved or marked with different signs on lens with many color options.
- \* Illuminated with incandescent, LED and fluorescent light to have a better effect
- \* Easy disassembly and additional contacts are available.
- \* With special terminal design, it can be used in different PCBs by using soldering or socketing terminal.
- \* Precision design enables the device with longer mechanical life by operation under the normal environment.
- \* Mechanical life: Momentary 2 million operations min.
- \* Approvals: UL/CUL/VDE/CE

**SPECIFICATIONS**

<b>Electrical Rating</b>	250V AC 5A(VDE) 125V AC 8A	<b>Quick-Connect Terminal</b>	2.8 x 0.5mm
<b>Insulation Resistance</b>	50m $\Omega$ (initial)according 512-2 to IEC	<b>Wire Range</b>	1x1.5mm <sup>2</sup> max
<b>Mechanical Life</b>	momentary: 2 million operations min	<b>Cable Range</b>	2x0.75mm <sup>2</sup> /1x1.0mm <sup>2</sup> Max
<b>Electrical Life</b>	50,000 operations min	<b>Lighting</b>	LED/incandescent/neon
<b>Insulation Withstand Voltage</b>	1500V AC 60Hz 1min. between all terminals and ground	<b>Storage Temperature</b>	-40°C~+70°C
<b>Actuating Force</b>	1a1b:0.5kgf / 2a2b:0.8kgf	<b>Operating Temperature</b>	-25°C~+55°C
<b>Contact Material</b>	Silver	<b>Degree of Contamination</b>	class II
<b>Terminal</b>	Soldering / plug-in type	<b>Degree of Protection</b>	IP65

### ORDER INFORMATION

MODEL FORMAT ADA16S6-**1****2****3**-**4****2****5****6**

#### **1** OPTIONAL FUNCTION

M : MOMENTARY  
A : ALTERNATE

#### **2****3** HEAD SHAPE

R1 : ROUND, LOW BEZEL  
R2 : ROUND, HIGH BEZEL  
S1 : SQUARE, LOW BEZEL  
S2 : SQUARE, HIGH BEZEL  
T1 : RECTANGULAR, LOW BEZEL  
T2 : RECTANGULAR, HIGH BEZEL  
A5 : SQUARE(□24), FULL GUARD

#### **4** CONTACT ARRANGEMENT

A : 1NO/1NC+1NO/1NC  
B : 1NO/1NC

#### **5** LAMPS

0 : Without lamps  
A : Incandescent 6V AC/DC 200mA  
B : Incandescent 14V AC/DC 80mA  
C : Incandescent 28V AC/DC 40mA  
D : Incandescent 48V AC/DC 25mA  
E : Incandescent 60V AC/DC 20mA  
F : Neon 110V AC  
G : Neon 220V AC  
H : LED 6V DC  
J : LED 12V DC  
K : LED 24V DC  
L : Incandescent 33V AC/DC 35mA  
M : Incandescent 6V AC/DC 40mA  
N : Incandescent 14V AC/DC 40mA

#### **6** LENS COLOR

B : Blue  
G : Green  
O : Orange  
R : Red  
W : White  
Y : Yellow

**2****3**

R1



R2



S1



S2



T1



T2



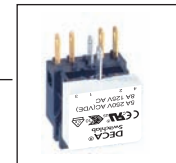
A5







ADA16-A



ADA16-B



unit: mm

SHAPE				
DIMENSIONS	Ø 18	18x18	18x24	24x24
COLOR	B.G.O.R.W.Y	B.G.O.R.W.Y	B.G.O.R.W.Y	B.G.O.R.W.Y

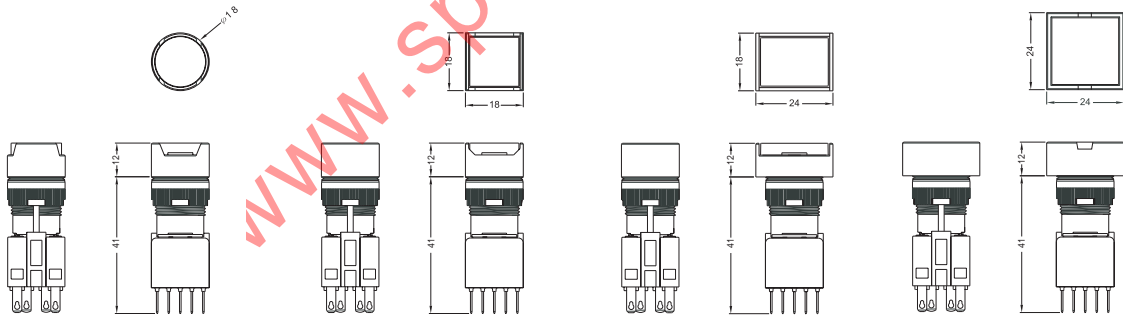
**HEAD SHAPE**

ADA16S6-AR2-A2    
 ADA16S6-MR2-A2

ADA16S6-AS2-A2    
 ADA16S6-MS2-A2

ADA16S6-AT2-A2    
 ADA16S6-MT2-A2

ADA16S6-AA5-A1    
 ADA16S6-MA5-A1



**MOUNTING DIMENSIONS**

Panel Thickness 0.5 To 5.0

